

The diagram illustrates a centrifuge system for processing a cell suspension. A conical rotor (1) is shown with a sample tube (6) inserted into its center. A fluid line (4) connects the bottom of the tube to a Hematocrit Sensor (12). The sensor is connected via a dashed line to a central processing unit (14) which includes a Supernatant Concentration Display and a Computer. A Cell Geometric Characteristics Sensor (16) is also connected to the central unit. A Shaft Angle Sensor (13) is connected to the rotor assembly. A Cardiotomy Reservoir (15) is connected to the top of the rotor assembly. The rotor is shown with a rotation arrow.